

AUVIO™

THE PERFORMANCE YOU NEED

100W 2-Way In-wall Speaker

Please read this user's guide before using your new speaker.

User's Guide

40-290



Package Contents

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| ■ In-wall Speaker | Template / Paint Mask |
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Features

- Mount your speaker flush with the ceiling or wall with the wing-type mounting system.
- The frame and grille can be painted to match the room's decor.
- The tweeter can be tilted to direct the sound to best suit the room's acoustics.

① Installation

Prepare the location

To mount your speaker, you need the following items (not supplied).

- Drywall or keyhole saw
- Wire stripper
- Phillips screwdriver
- Pencil or marker
- 18-20 gauge speaker wire

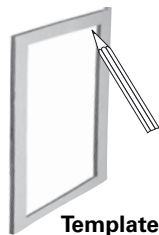
Be sure the mounting surface:

- Is between $\frac{3}{8}$ – $1\frac{1}{8}$ inch thick (9.5 – 32 mm)
- Has at least 3 inches (76 mm) clearance behind the surface
- Has no wall studs or other objects to block the back of the speaker



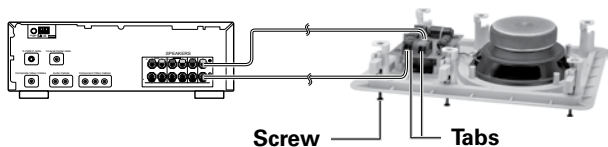
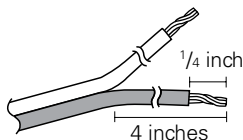
Warning: *Be careful not to cut into existing wiring or plumbing hidden behind the wall.*

1. Remove the inner cardboard disc from the supplied template/paint mask and keep it for later. Use the outer portion of the mask as a template to mark the cutout hole size and location for mounting the speaker.
2. Use a drywall or keyhole saw to cut the hole.



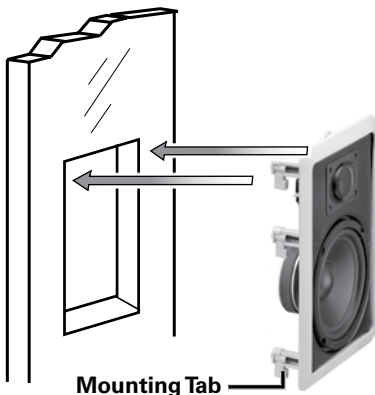
② Connect to your amplifier

1. Route the speaker wire from your amplifier to the speaker. Avoid routing near existing electrical wires and do not nail or staple the wire.
2. Separate about 4 inches (100 mm) of wire at each end.
3. Using a wire stripper, remove about $\frac{1}{4}$ inch (6 mm) of insulation from each wire. Then twist the ends of each wire.
4. Connect the positive (marked) wire to the red speaker terminal by pressing the tab, inserting the wire into the hole, and releasing the tab. Repeat this procedure to connect the negative (unmarked) wire to the black terminal.
6. Connect the wire coming from the red terminal to your amplifier's positive (+) terminal. Connect the wire from the black terminal to your amplifier's negative (-) terminal.



③ Mount the speaker

1. Remove the grille to expose the mounting screws.
2. Be sure the mounting tabs are turned in, allowing the speaker to fit into the hole. Then insert the speaker into the mounting hole.



3. Tighten the six screws to secure the mounting tabs to the wall or ceiling. Be careful not to overtighten the screws.
4. Replace the grille.




Note: To remove the speaker from the wall or ceiling, loosen the screws only far enough to remove the speaker. If you loosen the screws too far, you may lose the mounting tabs behind your wall.

Painting the speaker (optional)

Before you connect the speaker wire or mount the speaker, you can paint the frame and grille.

1. To remove the grille, insert a paper clip into one of the grille openings, then pull up.
2. Before you paint the grill, carefully remove the dust cloth.
3. Before you paint the frame, insert the supplied cardboard paint mask to prevent paint from entering the speaker.
4. After the paint is dry, remove the paint mask, replace the dust cloth, and reinstall the grille.



 **Note:** Using spray paint will keep paint from blocking grille holes. Do not paint speaker components.

Specifications

Resonance Frequency	65 Hz \pm 20%
Frequency Response	70–20,000 Hz
Power Handling.....	50W RMS, 100W Max.
Impedance (nominal)	8 ohms
Sensitivity	87 dB \pm 3 dB @ 1W-1M
Tweeter Size	1 in (25 mm)
Woofer Size	6.5 in (165 mm)
Dimensions (HWD).....	12 \times 8.6 \times 2.8 in (305 \times 218 \times 70 mm)

Specifications are subject to change and improvement without notice. Actual product may vary from the images found in this document.

Limited Warranty

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